

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L16	17	("2527968").URPN	USPAT	OR	ON	2006/09/21 07:48
L17	43	("0606549") or ("0833001") or ("1055013") or ("1115348") or ("2292581") or ("2301151") or ("2308728") or ("2343875").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 07:48
L18	14	Hansson-Jonas\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 07:56
L19	5	Roswall-Goran\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 07:56
L20	18	L19 or L18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 07:56
L21	595	(409/137).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 07:56
L22	2	"20050232717"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 07:56
L23	2	("6514018").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 07:56

## EAST Search History

L24	2	("6264590").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 07:56
L25	12	("3828649"   "4037982"   "4563115"   "4652190"   "4957148"   "4981403"   "5632579"   "5791842").PN. OR ("6264590").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/21 07:56
L26	20	("3339435"   "4921375"   "5034041"   "5113951"   "5292210"   "5467835").PN. OR ("5688082").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/21 07:56
L27	23	("0994430"   "20020187014"   "3786846"   "3942411"   "4037982"   "4200417"   "4652184"   "4674548"   "4738571"   "4752161"   "5026221"   "5034041"   "5143490"   "5323823"   "5356245"   "5451122"   "5584620"   "5688082"   "5947661"   "5988954"   "6079078").PN. OR ("6854937"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/21 07:56
L28	12	("3617141"   "4037982"   "4443141"   "4530627"   "4822219"   "4915550"   "4917547"   "5087156").PN. OR ("5199830").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/21 07:56
L29	14	("2675038"   "3587391"   "3734153"   "3770031"   "4037982").PN. OR ("4530627"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/21 07:56
L30	557	L20 or L21 or L22 or L23 or L24 or L25 or L26 or L27 or L28 or L29	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/21 07:56
L31	876	(408/67).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 07:56

## EAST Search History

L32	780	L31 not L30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 07:56
L33	1389	31 or 30 or 16 or 17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 07:56
L34	453	(409/134).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 07:56
L35	364	34 not 33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 07:57
L36	2565166	suck\$4 or suction\$4 or exhaust\$4 or vacuum\$4 or vaccuum\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 07:57
L37	36	35 and 36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:00
L38	1425	33 or 37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:00
L39	1307	(451/456).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 08:00

## EAST Search History

L41	2221821	telescop\$4 or collaps\$4 or expand\$4 or expans\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:01
L42	141	39 and 41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:02
L43	124	42 not 38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:04
L44	2	("4245437").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 08:06
L45	2135075	chip or chips or swarf or debris or dust or waste or scrap or cuttings	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 08:07
L46	4277288	spring or bias\$4 or resilien\$3 or elastic\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:07
L47	5405587	tool\$4 or cut or cuts or cutter or cutting or drill\$4 or rout\$4 or mill\$4 or endmill\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:09
L48	59461	36 near3 45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:10

## EAST Search History

L49	127256	bellows	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:10
L50	798	48 with (41 or 49)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:11
L51	314	47 and 50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:11
L52	121	47 same 50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:12
L53	113	52 not 38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:22
L54	1538	52 or 38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:23
L55	0	weeks-G\$.xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:23
L56	178	weeks-G\$.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:23

## EAST Search History

L57	27519	"173"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:24
L58	1476327	@pd>"20060101"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 08:24
L59	293	57 and 58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 09:03
L60	2	("20060110228").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 09:39
L61	125	(36 and (41 or 49) and 45 and 46 and 47).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 09:42
L62	109	61 not 54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 09:45

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	14	Hansson-Jonas\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 12:31
S2	5	Roswall-Goran\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 12:30
S3	4	S2 not S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 12:31
S4	18	S2 or S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 12:32
S5	595	(409/137).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 12:32
S7	594	S5 not S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 13:04
S8	2	20050232717"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 13:06
S9	2	("6514018").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 13:06

## EAST Search History

S10	2	("6264590").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 13:23
S13	333	cadugan-E\$.xa,xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 13:24
S14	218	cadugan-E\$.xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 13:24
S15	71	ergenbright-e\$.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 13:24
S16	404	S15 or S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 13:24
S17	12	("3828649"   "4037982"   "4563115"   "4652190"   "4957148"   "4981403"   "5632579"   "5791842").PN. OR ("6264590").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 13:29
S18	20	("3339435"   "4921375"   "5034041"   "5113951"   "5292210"   "5467835").PN. OR ("5688082").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 13:36
S19	23	("0994430"   "20020187014"   "3786846"   "3942411"   "4037982"   "4200417"   "4652184"   "4674548"   "4738571"   "4752161"   "5026221"   "5034041"   "5143490"   "5323823"   "5356245"   "5451122"   "5584620"   "5688082"   "5947661"   "5988954"   "6079078").PN. OR ("6854937") URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 13:37

## EAST Search History

S20	12	("3617141"   "4037982"   "4443141"   "4530627"   "4822219"   "4915550"   "4917547"   "5087156").PN. OR ("5199830").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 13:50
S21	14	("2675038"   "3587391"   "3734153"   "3770031"   "4037982").PN. OR ("4530627").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 14:29
S22	557	S4 or S5 or S8 or S9 or S10 or S17 or S18 or S19 or S20 or S21	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 14:30
S23	876	(408/67).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 14:30
S24	780	S23 not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 07:56